Energy Tab –

Background -

Executive Order 13123

Executive Order 13123 was signed on June 3, 1999 and is titled "Greening the Government Through Efficient Energy Management."

This Executive Order states that the Federal Government shall significantly improve its energy management in order to save taxpayer dollars and to reduce emissions that contribute to air pollution and global climate change. The Federal Government should promote energy efficiency, water conservation, decreased petroleum dependency and use of renewable energy products to help foster markets for emerging technologies.

Annual Energy Management Data

This form allows the Agency to comply with the percent reduction goals (SEC 203 and 303) of Executive Order 13123.

Energy Audit Trail

This form allows the Agency to track the facilities that were audited each year in order to comply with SEC 402. Facility Energy Audits shall be conducted for approximately 10% of each agency's facilities each year, either independently, through Energy-Savings Performance Contracts, or utility-energy-efficiency service contracts.

Energy Narrative and Implementation

This is a quick way to answer the various questions that are required by SEC 302 and 303. Annual Energy Reports.

Each agency's annual report to the President shall describe how the agency is using each of the strategies described in Executive Order 13123 - Part 4 to help meet energy and greenhouse gas reduction goals.

Each agency shall develop an annual implementation plan for fulfilling the requirements of this order. Such plans shall be included in the annual reports to the President. Each agency shall measure and report its progress in meeting the goals and requirements of this order on an annual basis.

Life-Cycle Cost Analysis

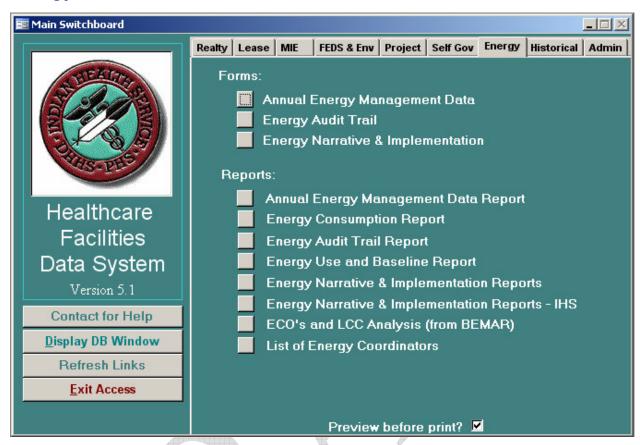
Agencies shall use life-cycle cost analyses in making decisions about their investments in products, services, construction, and other projects to lower the Federal Government's costs and to reduce energy and water consumption. Where appropriate, agencies shall consider the life-cycle costs of combinations of projects, particularly to encourage the bundling of energy efficiency projects with renewable energy projects. Agencies shall also retire inefficient equipment on an accelerated basis where replacement results in lower life-cycle costs. Agencies that minimize life-cycle costs with efficiency measures will be recognized in their scorecard

Who can enter, modify or delete Energy related data?

Energy coordinator

The only person who has permission to enter, modify and/or delete data in the Energy tab is one who has the Energy role. Currently only the Area Energy Coordinator has the Energy role.

Energy Tab –



Forms -

Annual Energy Management Data

This form allows the Agency to comply with the percent reduction goals (SEC 203 and 303) of Executive Order 13123.

Energy Audit Trail

This form allows the Agency to track the facilities that were audited each year in order to comply with SEC 402. Facility Energy Audits shall be conducted for approximately 10% of each Agencies facilities each year, either independently or through Energy-Savings Performance Contracts or utility-energy-efficiency service contracts.

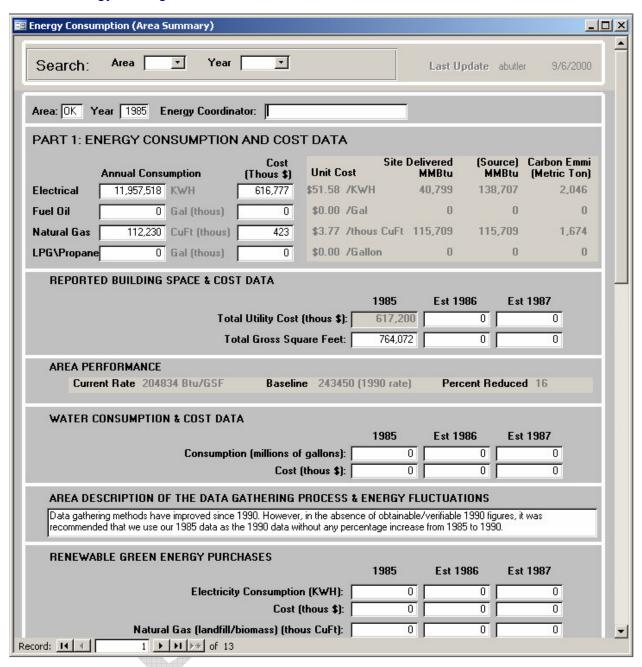
Energy Narrative and Implementation

This is a quick way to answer the various questions that are required by SEC 302 and 303. Annual Energy Reports.

Each agency's annual report to the President shall describe how the agency is using each of the strategies described in Executive Order 13123 - Part 4 to help meet energy and greenhouse gas reduction goals.

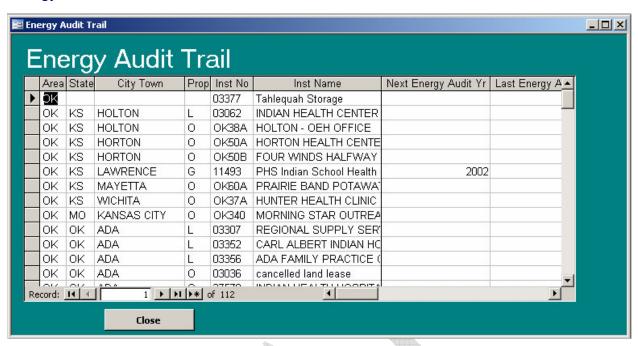
Each agency shall develop an annual implementation plan for fulfilling the requirements of this order. Such plans shall be included in the annual reports to the President. Each agency shall measure and report its progress in meeting the goals and requirements of this order on an annual basis.

Annual Energy Management Data -



On this form, the Area Energy Coordinator can enter data which can then be used to demonstrate compliance with the percent reduction goals (SEC 203 and 303) of Executive Order 13123.

Energy Audit Trail -

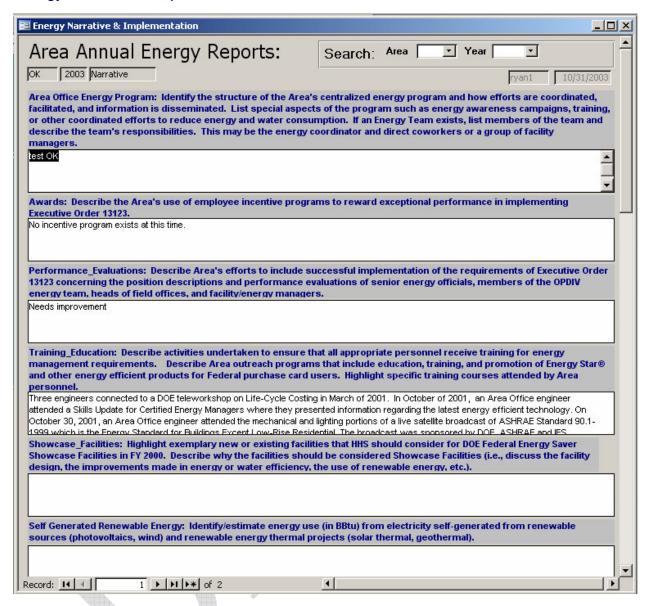


This form allows the User to input and track, by facility, when the last energy audit was conducted, when the next energy audit should be performed, the team used to perform the last audit, how many copies of the report were sent to Headquarters, and the energy project identification number, if any.

Use of this form will facilitate compliance with SEC 402.



Energy Narrative & Implementation –



This form allows the Area Energy Coordinator to describe the energy-related activities that have taken place within their Area during the past year. It is a uniform way for all Area Offices to describe how they are using each of the strategies described in Executive Order 13123 - Part 4 to help meet energy and greenhouse gas reduction goals.

Use of this form will also facilitate compliance with SEC 302 and 303, Annual Energy Reports.

Reports -

Annual Energy Management Data Report

This report, sorted by Area, gives a one page view of the amount and associated cost of electricity, fuel oil, natural gas, and liquefied petroleum gas consumed during the previous year. It also shows the total number of square feet managed by each Area and the number of metric tons of carbon emissions estimated for each Area.

Energy Consumption Report

This is a detailed report of the energy consumption within the User's Area during all years recorded in the HFDS. It includes such items as total annual consumption and associated cost of electricity, fuel oil, natural gas, and LPG/propane. It also indicates the number of metric tons of carbon emissions, reported building space and cost data, water consumption and cost data, renewable green energy purchases, direct obligations for energy projects, energy savings performance contracts, utility energy services contracts, utility incentives (rebates), and any energy-related training.

Energy Audit Trail Report

This report displays a listing of facilities, when the last energy audit was conducted for that facility, when the next energy audit should be performed, the team used to perform the last audit, how many copies of the report were sent to Headquarters, and the energy project identification number, if any.

This report will facilitate compliance with SEC 402.

Energy Use and Baseline Report

This report gives a complete overview of energy usage for the User's Area. It shows consumption of electricity, fuel oil, natural gas, LPG/Propane and the calculated Btu consumption for each of the energy sources. It also lists the total building space in square feet, the annual consumption rate in Btu per GSF, and the percent reduction (or increase) over the previous year. There is also a field to indicate how the data were collected.

Energy Narrative & Implementation Reports

This report is a detailed narrative of the Area's energy program and includes such elements as management and administration, energy efficiency performance, implementation strategies, and any applicable data tables and inventories.

Energy Narrative & Implementation Reports - IHS

This report is a compilation of all detailed Area narratives.

ECO's and LCC Analysis (from BEMAR)

This report displays an Area-wide listing, sorted by facility, of all energy-related deficiencies in the FEDS.

List of Energy Coordinators

This is the list of Area, ES, and Headquarters energy coordinators for IHS.

Screen shots of the reports were not included as clicking on the button will generate the selected report with no further interaction from the User.